



0086 16601757347
inquiry@yukelab.com
www.yukelab.com
0086 021 59570209

Brand positioning:

Analytical instrument manufacturer, laboratory solution provider!

Company introduction:

Shanghai Yuke Industry Co., Ltd. was established in 1999. It is a leading manufacturer of analytical instruments and laboratory equipment in China, and is known as a high-quality instrument manufacturer and perfect service provider. Committed to the research and innovation of scientific instruments and analytical methods in the food and pharmaceutical industries, in order to promote green food and health drugs, develop and produce analytical measuring instruments, and provide technical workers with application methods and comprehensive solutions.

Yuke professional R&D laboratory instruments include: **Thermal Analyzer (DSC/TGA/STA), Microwave Digester, Dissolution system, Melting point meter, Polarimeter, Refractometer, Density meter, Turbidity meter, Dropping point & Softening point tester, Micro heating table, Potentiometric Titration, Moisture meter, Osmometer, Viscosity meter, Hardness tester, Flash point tester** .. They are widely used in pharmaceutical and food quality control, education and research, environmental science, chemical engineering and other fields.

Yuke has established strict working standards and technical standards in R&D, parts procurement, standardized manufacturing, and production inspection. Yuke has obtained CE certification, TART certification, ISO quality management system certification, more than 10 software copyrights and multiple patents to ensure that each instrument has stable performance and excellent quality. Yuke headquarters was established in Shanghai, China, with 15 sales branches in China, sales agents in more than 10 overseas countries, and 2 production plants. At the same time, we have a top R&D team returned from Europe and America, cooperate with our superb manufacturing team, professional sales team and dedicated service team, working together to provide customers with high-tech, high-quality products and efficient, convenient, Comprehensive pre-sales and after-sales professional services.

At present, Yuke's products have been exported to more than 50 countries including the United States, Germany, France, Malaysia, Vietnam, India, Italy, etc. We are committed to participating in Arablab, PICCTON, Analytica Russia, Lab Africa, Analytica Germany, Analytica Latin America and other exhibitions. Open up different markets, and enjoy a good reputation with reliable quality, reasonable prices and good service to win a large market share.

Yuke is committed to providing customers with a better user experience and hopes to become a world-class scientific instrument manufacturer and laboratory solution provider!



分光光度计 Spectrophotometer



基本介绍: Brief Introduction

YK-UV series UV-visible light spectrophotometer with quantitative measurement, wavelength scanning, time scanning, multi-wavelength test, DNA protein test and other high-order functions, with high precision, high resolution, low noise, low stray light characteristics.

使用领域: Fields of use

Photometer is one of the analytical instruments with the longest history, the most widely used and the widest coverage in the world. It is widely used in life science, medical science, environmental science, agricultural science, metrology science, food science, geological science, petroleum science, medical and health care, iron and steel metallurgy, chemistry and chemical industry and other fields.

主要特点: The main features

1. Independent double optical path and double beam optical system;
2. Can independently complete photometric measurement, quantitative measurement, spectral scanning, kinetics, DNA/ protein testing functions;
3. Suspension type optical system design, strengthen the design of thickened bottom plate, eliminate the impact of vibration or deformation on the optical system;
4. The software is fully compliant with 21CFR Part 11, audit trail, pharmacopoeia and electronic signature;
5. Large screen dot matrix liquid crystal, clear map data display, friendly interface, easy to operate;
6. Smaller spectral bandwidth, higher resolution, fully meet the requirements of the pharmacopoeia, wider application range;
7. Long life environment-friendly deuterium lamp with flange seat, light replacement is free of optical debugging;
8. The graph and data can be saved in real time, and can be maintained when power is off. It can be printed and exported to PC.

主要技术指标: Technical parameters





Model	YK-UV6	YK-UV7	YK-UV8	YK-UV9
Wavelength range	190-1100nm	190-1100nm	190-1100nm	190-1100nm
The spectral bandwidth	2nm	0.5/1/1.5/2/4/5.0nm	1.8nm	0.5/1/1.5/2/4/5.0nm
Wavelength accuracy	±0.5nm	±0.1nm(656.1nm) ±0.3nm All Region	±0.1nm (D2 656.1nm) ±0.3nm All Region	±0.1nm(656.1nm) ±0.3nm All Region
Wavelength repeatability	≤0.2nm	≤0.1nm	≤0.1nm	≤0.1nm






0086 16601757347
 inquiry@yukelab.com
 www.yukelab.com
 0086 021 59570209

Photometric accuracy	$\pm 0.002A$ (0-0.5A) $\pm 0.004A$ (0.5-1A) $\pm 0.3\%T$ (0-100%T)	$\pm 0.002A$ (0-0.5A) $\pm 0.004A$ (0.5-1A) $\pm 0.2\%T$ (0-100%T)	$\pm 0.002A$ (0-0.5A) $\pm 0.004A$ (0.5-1A) $\pm 0.2\%T$ (0-100%T)	$\pm 0.002A$ (0-0.5A) $\pm 0.004A$ (0.5-1A) $\pm 0.2\%T$ (0-100%T)
Photometric repeatability	$\pm 0.002A$ (0-0.5A) $\pm 0.004A$ (0.5-1A) $\pm 0.3\%T$ (0-100%T)	$\leq 0.001A$ (0-0.5A) $\leq 0.002A$ (0.5-1A) $\leq 0.1\%T$ (0-100%T)	$\leq 0.001A$ (0-0.5A) $\leq 0.002A$ (0.5-1A) $\leq 0.1\%T$ (0-100%T)	$\leq 0.001A$ (0-0.5A) $\leq 0.002A$ (0.5-1A) $\leq 0.1\%T$ (0-100%T)
Stray light	$\leq 0.05\%T$ (220/360nm)	$\leq 0.03\%T$ (220/360nm)	$\leq 0.03\%T$ (220/360nm)	$\leq 0.03\%T$ (220/360nm)
Baseline drift (stability)	$\leq 0.001A/h$ (500nm, 0A)	$\leq 0.0004A/h$ (500nm, 0A)	$\leq 0.0004A/h$ (500nm, 0A)	$\leq 0.0004A/h$ (500nm, 0A)
Baseline flatness	$\pm 0.0015A$	$\pm 0.0015A$	$\pm 0.001A$	$\pm 0.0015A$
Noise level	$\pm 0.1\%T$ (0%T 线) $\pm 0.3\%T$ (100%T 线) $\pm 0.0005A$ (500nm 处)	$\pm 0.1\%T$ (0%T 线) $\pm 0.3\%T$ (100%T 线) $\pm 0.0005A$ (500nm 处)	$\pm 0.1\%T$ (0%T 线) $\pm 0.3\%T$ (100%T 线) $\pm 0.0004A$ (500nm 处)	$\pm 0.1\%T$ (0%T 线)
Luminosity range	0-200%T、-0.3-3A 0-9999C、0-9999F	0-200%T、-44A 0-9999C、0-9999F	0-200%T、-0.3-3A 0-9999C、0-9999F	0-200%T、-44A 0-9999C、0-9999F
Wavelength setting mode	Automatic, wavelength resolution 0.1nm	Automatic, wavelength resolution 0.1nm	Automatic, wavelength resolution 0.1nm	Automatic, wavelength resolution 0.1nm
Scanning speed	High, medium and low are available	High, medium and low are available	High, medium and low are available	High, medium and low are available
PC software	PC scan analysis software (standard)	PC scan analysis software (standard)	PC scan analysis software (standard)	PC scan analysis software (standard)
Data output	USB	USB	USB	USB
Printout	Parallel port	The microprinter is connected to a computer for printing	Parallel port	The microprinter is connected to a computer for printing
Display system	7 inch 320*240 large screen LCD	7 inch 320*240 large screen LCD	7 inch 320*240 large screen LCD	7 inch 320*240 large screen LCD
The light source	Original imported tungsten lamp, xenon lamp	Original imported tungsten lamp, xenon lamp	Original imported tungsten lamp, xenon lamp	Original imported tungsten lamp, xenon lamp
The detector	Imported silicon photodiode	Imported silicon photodiode	Imported silicon photodiode	Imported silicon photodiode
The power supply	AC 220V/50Hz or 110V/60Hz	AC 220V/50Hz or 110V/60Hz	AC 220V/50Hz or 110V/60Hz	AC 220V/50Hz or 110V/60Hz
Overall dimensions	625*430*210mm	645*515*255mm	625*430*210mm	645*515*255mm
Weight	28kg	28kg	28kg	28kg



 0086 16601757347
 inquiry@yukelab.com
 www.yukelab.com
 0086 021 59570209

Picture	Model	Spectral bandwidth	Wavelength range	Wavelength accuracy	Luminosity range	Luminosity accuracy	Stray light	stability	Baseline flatness	Functions and features
Visible spectrophotometer										
	JH-EV2	4nm	325-1020nm	±2.0nm	-0.3~3A	±0.5%T	0.2%T	0.004A/h	/	LCD digital display, touch the button, direct reading of concentration test data. Economical type, set the wavelength manually.
UV-visible spectrophotometer										
	JH-UV3	4nm	190-1020nm	±2.0nm	-0.3~3A	±0.3%T	0.1%T	0.002A/h	/	LCD digital display, light touch button, direct reading of concentration test data, standard curve can be made. Automatically set the wavelength and automatically correct the blank.
	JH-UV5	2nm	190-1100nm	±0.5nm	-0.3~3A	±0.3%T	0.05%T	0.001A/h	±0.002A	Numeric keyboard makes the operation more convenient. Data and curve are kept when power is off. Optional PC scanning software to realize wavelength scanning, etc.